ELSEVIER

Molecular Cell Research

Vol. 1450, 1999

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

www.elsevier.com/locate/bba

Author Index

Adell, T., see Navarro, E. (1450) 254
Adler, V.V., see Krasil'nikov, M.A. (1450) 434
Ahn, G.-W., see Lee, D.-W. (1450) 145
Allan, D. and Obradors, M.J.M.
Enzyme distributions in subcellular fractions of BHK cells infected with Semliki Forest virus: evidence for a major fraction of sphingomyelin synthase in the *trans*-Golgi network (1450) 277
Arilla, E., see Rodríguez-Martín, E. (1450) 61

Baines, D.L., see Gambling, L. (1450) 468
Balaguer, P., see Piquemal, D. (1450) 364
Basset, A., see Piquemal, D. (1450) 364
Becker, J.C., see Fischer, H. (1450) 414
Becker, K.P., Garnovskaya, M., Gettys, T. and Halushka, P.V.
Coupling of thromboxane A_2 receptor isoforms to $G\alpha_{13}$: effects on ligand binding and signalling (1450) 288
Beckman, B.S., see Ohigashi, T. (1450) 109
Ben-Dov, N., Shefer, G., Irintchev, A., Wernig, A., Oron, U. and Halevy, O.
Corrigendum to: 'Low-energy laser irradiation affects satellite cell proliferation and differentiation in vitro' (1450) 108
Berg, C.E., see Chiou, W.J. (1450) 35
Berrozpe, G., see Navarro, E. (1450) 254
Besse, A., Trimoreau, F., Faucher, J.L., Praloran, V. and Denizot, Y.
Prostaglandin E_2 regulates macrophage colony stimulating factor secretion by human bone marrow stromal cells (1450) 444
Boknik, P., see Fischer, H. (1450) 414
Bollen, M., see Stefan, C. (1450) 45
Bonavita, F., see Stefanelli, C. (1450) 406
Bozzi, A., see D'Alessandro, A.M. (1450) 232
Brass, L.F., see Cichowski, K. (1450) 265
Brisdelli, F., see D'Alessandro, A.M. (1450) 232

Caldarera, C.M., see Stefanelli, C. (1450) 406
Casciano, D.A., see Pipkin, J.L. (1450) 164
Chen, P., see Liu, J. (1450) 320
Chiou, W.J., Wang, J., Berg, C.E. and Wu-Wong, J.R.
SV40 virus transformation down-regulates endothelin receptor (1450) 35
Cichowski, K., Orsini, M.J. and Brass, L.F.
PAR1 activation initiates integrin engagement and outside-in signalling in megakaryoblastic CHRF-288 cells (1450) 265
Clo, C., see Stefanelli, C. (1450) 406
Commes, T., see Piquemal, D. (1450) 364

D'Alessandro, A.M., D'Andrea, G., Di Ciccio, L., Brisdelli, F., Rinaldi, A.C., Bozzi, A. and Oratore, A.
3′-Azido-3′-deoxythymidine reduces the rate of transferrin receptor endocytosis in K562 cells (1450) 232
D'Andrea, G., see D'Alessandro, A.M. (1450) 232
Dean, R.G., see Lee, K. (1450) 397
Denizot, Y., see Besse, A. (1450) 444
Deswal, R. and Sopory, S.K.
Glyoxalase I from *Brassica juncea* is a calmodulin stimulated protein (1450) 460
Di Ciccio, L., see D'Alessandro, A.M. (1450) 232
DiNubile, M.J.
Corrigendum to: 'Nucleation and elongation of actin filaments in the presence of high speed supernate from neutrophil lysates: modulating effects of Ca^{2+} and phosphatidylinositol-4,5-bisphosphate' (1450) 107
Domschke, W., see Fischer, H. (1450) 414
Donato, R.
Functional roles of S100 proteins, calcium-binding proteins of the EF-hand type (1450) 191

Endo, S., Ishiguro, S. and Tamai, M.
Possible mechanism for the decrease of mitochondrial aspartate aminotransferase activity in ischemic and hypoxic rat retinas (1450) 385
Erohina, M., see Krasil'nikov, M.A. (1450) 434
Espinosa, L., see Navarro, E. (1450) 254
Ettori, D., see Marbeuf-Gueye, C. (1450) 374

Faucher, J.L., see Besse, A. (1450) 444
Feuers, R.J., see Pipkin, J.L. (1450) 164
Fischer, H., Becker, J.C., Boknik, P., Huber, V., Lüss, H., Neumann, J., Schmitz, W., Domschke, W., Stachura, J. and Konturek, J.W.
Expression of constitutive nitric oxide synthase in rat and human gastrointestinal tract (1450) 414
Fisher, J.W., see Ohigashi, T. (1450) 109
Fournier, B., see Radallah, D. (1450) 242
Fukamizu, A., see Ishizuka, Y. (1450) 92
Furukawa, M., see Shiozaki, S. (1450) 1

Gambling, L., Olver, R.E. and Baines, D.L.
Perinatal PTX-sensitive G-protein expression and regulation of conductive $^{22}Na^{+}$ transport in lung apical membrane vesicles (1450) 468
Garnier-Suillerot, A., see Marbeuf-Gueye, C. (1450) 374
Garnovskaya, M., see Becker, K.P. (1450) 288
Gergely, J., see Tao, T. (1450) 423
Gershtein, E.S., see Krasil'nikov, M.A. (1450) 434
Gettys, T., see Becker, K.P. (1450) 288
Gijsbers, R., see Stefan, C. (1450) 45
Gong, B.-J., see Tao, T. (1450) 423
Grabarek, Z., see Tao, T. (1450) 423
Griffin, J.L., Rae, C., Radda, G.K. and Matthews, P.M.
Delayed labelling of brain glutamate after an intra-arterial [^{13}C]glucose bolus: evidence for aerobic metabolism of guinea pig brain glycogen store (1450) 297
Gross, A., see Viñals, F. (1450) 119
Guarnieri, C., see Stefanelli, C. (1450) 406

Halevy, O., see Ben-Dov, N. (1450) 108
Halpern, M., see Liu, J. (1450) 320
Halushka, P.V., see Becker, K.P. (1450) 288

Hattori, A., see Hayashi, A. (1450) 99
Hausman, D.B., see Lee, K. (1450) 397
Hayakawa, K., Okagaki, T., Ye, L.-H., Samizo, K., Higashi-Fujime, S., Takagi, T. and Kohama, K.
Characterization of the myosin light chain kinase from smooth muscle as an actin-binding protein that assembles actin filaments in vitro (1450) 12
Hayashi, A., Seki, N., Hattori, A., Kozuma, S. and Saito, T.
PKCν, a new member of the protein kinase C family, composes a fourth subfamily with PKCμ (1450) 99
Higashi-Fujime, S., see Hayakawa, K. (1450) 12
Hinson, W.G., see Pipkin, J.L. (1450) 164
Hirst, T.R., see Lencer, W.I. (1450) 177
Holmes, R.K., see Lencer, W.I. (1450) 177
Hölzel, R.
Non-invasive determination of bacterial single cell properties by electrorotation (1450) 53
Horiguchi, H., see Ishizuka, Y. (1450) 92
Hosokawa, Y., see Nabika, T. (1450) 25
Huber, V., see Fischer, H. (1450) 414

Irintchev, A., see Ben-Dov, N. (1450) 108
Ishiguro, S., see Endo, S. (1450) 385
Ishizuka, Y., Mochizuki, R., Yanai, K., Takatsuka, M., Nonomura, T., Niida, S., Horiguchi, H., Maeda, N. and Fukamizu, A.
Induction of hydroxyapatite resorptive activity in bone marrow cell populations resistant to bafilomycin A1 by a factor with restricted expression to bone and brain, neurochondrin (1450) 92

James, S.J., see Pipkin, J.L. (1450) 164
Joulia, D., see Piquemal, D. (1450) 364

Kang, H.-G., see Lee, D.-W. (1450) 145
Kinoshita, M., see Touhata, K. (1450) 480
Kinoshita, M., see Touhata, K. (1450) 481
Kishihara, K., see Wang, B. (1450) 331
Kohama, K., see Hayakawa, K. (1450) 12
Kojima, I., see Shiozaki, S. (1450) 1
Konturek, J.W., see Fischer, H. (1450) 414
Kozlowski, H., see Marbeuf-Gueye, C. (1450) 374
Kozuma, S., see Hayashi, A. (1450) 99
Krasil'nikov, M.A., Shatskaya, V.A., Stavrovskaya, A.A., Erohina, M., Gershtein, E.S. and Adler, V.V.
The role of phosphatidylinositol 3-kinase in the regulation of cell response to steroid hormones (1450) 434

Lai, J.-R., see Maa, M.-C. (1450) 341
Lane, W.S., see Morris, N.J. (1450) 68
Lee, D.-W., Ahn, G.-W., Kang, H.-G. and Park, H.-M.
Identification of a gene, *SOO1*, which complements osmo-sensitivity and defect in in vitro β1,3-glucan synthase activity in *Saccharomyces cerevisiae* (1450) 145
Lee, K., Hausman, D.B. and Dean, R.G.
Expression of CCAAT/enhancer binding protein C/EBPα, β and δ in rat adipose stromal-vascular cells in vitro (1450) 397
Lencer, W.I., Hirst, T.R. and Holmes, R.K.
Membrane traffic and the cellular uptake of cholera toxin (1450) 177
Leu, T.-H., see Maa, M.-C. (1450) 341
Lienhard, G.E., see Morris, N.J. (1450) 68
Lin, J., see Raffaniello, R.D. (1450) 352
Lin, R.-W., see Maa, M.-C. (1450) 341
Liu, J., Chen, P., Wang, D. and Halpern, M.
Signal transduction in the vomeronasal organ of garter snakes: ligand–receptor binding-mediated protein phosphorylation (1450) 320
Lüss, H., see Fischer, H. (1450) 414
Lyn-Cook, L.E., see Pipkin, J.L. (1450) 164

Maa, M.-C., Lai, J.-R., Lin, R.-W. and Leu, T.-H.
Enhancement of tyrosyl phosphorylation and protein expression of eps8 by v-Src (1450) 341
Maeda, N., see Ishizuka, Y. (1450) 92
Mallia, C.S., see Ohigashi, T. (1450) 109
Marbeuf-Gueye, C., Ettori, D., Priebe, W., Kozlowski, H. and Garnier-Suillerot, A.
Correlation between the kinetics of anthracycline uptake and the resistance factor in cancer cells expressing the multidrug resistance protein or the P-glycoprotein (1450) 374
Marti, J., see Piquemal, D. (1450) 364
Matsuura, M., see Tominaga, K. (1450) 130
Matthews, P.M., see Griffin, J.L. (1450) 297
McGary, E., see Ohigashi, T. (1450) 109
Mochizuki, R., see Ishizuka, Y. (1450) 92
Momose, I., see Nabika, T. (1450) 25
Morita, H., see Xiao, Y.-Q. (1450) 155
Morris, N.J., Ross, S.A., Neveu, J.M., Lane, W.S. and Lienhard, G.E.
Cloning and characterization of a 22 kDa protein from rat adipocytes: a new member of the reticulon family (1450) 68
Morris, S.M., see Pipkin, J.L. (1450) 164
Muñoz-Acedo, G., see Rodríguez-Martín, E. (1450) 61
Muscari, C., see Stefanelli, C. (1450) 406

Nabika, T., Terashima, M., Momose, I., Hosokawa, Y., Nagasue, N. and Tanigawa, Y.
Synergistic effect of ubiquitin on lipopolysaccharide-induced TNF-α production in murine macrophage cell line RAW 264.7 cells (1450) 25
Nagasue, N., see Nabika, T. (1450) 25
Nakano, M., see Tominaga, K. (1450) 130
Nakazato, Y., see Shiozaki, S. (1450) 1
Navarro, E., Espinosa, L., Adell, T., Torà, M., Berrozpe, G. and Real, F.X.
Expressed sequence tag (EST) phenotyping of HT-29 cells: cloning of ser/thr protein kinase EMK1, kinesin KIF3B, and of transcripts that include Alu repeated elements (1450) 254
Neumann, J., see Fischer, H. (1450) 414
Neveu, J.M., see Morris, N.J. (1450) 68
Niida, S., see Ishizuka, Y. (1450) 92
Nogaro, M., see Radallah, D. (1450) 242
Nomoto, K., see Wang, B. (1450) 331
Nonomura, T., see Ishizuka, Y. (1450) 92

Obradors, M.J.M., see Allan, D. (1450) 277
Ohigashi, T., Mallia, C.S., McGary, E., Scandurro, A.B., Rondon, I., Fisher, J.W. and Beckman, B.S.
Protein kinase C α protein expression is necessary for sustained erythropoietin production in human hepatocellular carcinoma (Hep3B) cells exposed to hypoxia (1450) 109
Ohuchi, K., see Xiao, Y.-Q. (1450) 155
Ojakian, G.K., see Raffaniello, R.D. (1450) 352
Okagaki, T., see Hayakawa, K. (1450) 12
Olver, R.E., see Gambling, L. (1450) 468
Oratore, A., see D'Alessandro, A.M. (1450) 232
Oron, U., see Ben-Dov, N. (1450) 108
Orsini, M.J., see Cichowski, K. (1450) 265
Ozeki, A. and Tsukamoto, I.
Retinoic acid repressed the expression of c-*fos* and c-*jun* and induced apoptosis in regenerating rat liver after partial hepatectomy (1450) 308

Palacín, M., see Viñals, F. (1450) 119
Park, H.-M., see Lee, D.-W. (1450) 145
Pignatti, C., see Stefanelli, C. (1450) 406
Pipkin, J.L., Hinson, W.G., James, S.J., Shaddock, J.G., Lyn-Cook, L.E., Feuers, R.J., Morris, S.M., Tolleson, W.H. and Casciano, D.A.
The relationship of p53 and stress proteins in response to bleomycin and retinoic acid in the *p53* heterozygous mouse (1450) 164
Piquemal, D., Joulia, D., Balaguer, P., Basset, A., Marti, J. and Commes, T.
Differential expression of the *RTP/Drg1/Ndr1* gene product in proliferating and growth arrested cells (1450) 364
Praloran, V., see Besse, A. (1450) 444
Priebe, W., see Marbeuf-Gueye, C. (1450) 374
Puebla, L., see Rodríguez-Martín, E. (1450) 61

Radallah, D., Nogaro, M. and Fournier, B.
Protein kinase C stimulates PtdIns-4,5-P2-phospholipase C activity (1450) 242
Radda, G.K., see Griffin, J.L. (1450) 297
Rae, C., see Griffin, J.L. (1450) 297
Raffaniello, R.D., Lin, J., Schwimmer, R. and Ojakian, G.K.
Expression and localization of Rab3D in rat parotid gland (1450) 352
Real, F.X., see Navarro, E. (1450) 254
Rinaldi, A.C., see D'Alessandro, A.M. (1450) 232
Rodríguez-Martín, E., Muñoz-Acedo, G., Puebla, L. and Arilla, E.
Effect of nitric oxide on the somatostatinergic system in the rat exocrine pancreas (1450) 61
Rondon, I., see Ohigashi, T. (1450) 109
Rösen, P., see Viñals, F. (1450) 119
Ross, S.A., see Morris, N.J. (1450) 68

Saito, S., see Tominaga, K. (1450) 130
Saito, T., see Hayashi, A. (1450) 99
Sakaguchi, M., see Touhata, K. (1450) 480
Sakaguchi, M., see Touhata, K. (1450) 481
Sakamoto, T., see Wang, B. (1450) 331
Samizo, K., see Hayakawa, K. (1450) 12
Scandurro, A.B., see Ohigashi, T. (1450) 109
Schmitz, W., see Fischer, H. (1450) 414
Schwimmer, R., see Raffaniello, R.D. (1450) 352
Seki, N., see Hayashi, A. (1450) 99
Shaddock, J.G., see Pipkin, J.L. (1450) 164
Shatskaya, V.A., see Krasil'nikov, M.A. (1450) 434
Shefer, G., see Ben-Dov, N. (1450) 108
Shiozaki, S., Tajima, T., Zhang, Y.-Q., Furukawa, M., Nakazato, Y. and Kojima, I.
Impaired differentiation of endocrine and exocrine cells of the pancreas in transgenic mouse expressing the truncated type II activin receptor (1450) 1
Sobieszek, A.
Enzyme kinetic characterization of the smooth muscle myosin phosphorylating system: activation by calcium and calmodulin and possible inhibitory mechanisms of antagonists (1450) 77
Someya, K., see Xiao, Y.-Q. (1450) 155
Sopory, S.K., see Deswal, R. (1450) 460
Stachura, J., see Fischer, H. (1450) 414
Stalmans, W., see Stefan, C. (1450) 45
Stanić, I., see Stefanelli, C. (1450) 406
Stavrovskaya, A.A., see Krasil'nikov, M.A. (1450) 434
Stefan, C., Gijsbers, R., Stalmans, W. and Bollen, M.
Differential regulation of the expression of nucleotide pyrophosphatases/phosphodiesterases in rat liver (1450) 45
Stefanelli, C., Pignatti, C., Tantini, B., Stanić, I., Bonavita, F., Muscari, C., Guarnieri, C., Clo, C. and Caldarera, C.M.
Nitric oxide can function as either a killer molecule or an antiapoptotic effector in cardiomyocytes (1450) 406

Tajima, T., see Shiozaki, S. (1450) 1
Takagi, T., see Hayakawa, K. (1450) 12
Takahashi, K., see Xiao, Y.-Q. (1450) 155
Takahashi, S., see Takeuchi, S. (1450) 452
Takatsuka, M., see Ishizuka, Y. (1450) 92
Takeuchi, S., Teshigawara, K. and Takahashi, S.
Molecular cloning and characterization of the chicken pro-opiomelanocortin (POMC) gene (1450) 452
Tamai, M., see Endo, S. (1450) 385
Tanigawa, Y., see Nabika, T. (1450) 25
Tantini, B., see Stefanelli, C. (1450) 406
Tao, T., Gong, B.-J., Grabarek, Z. and Gergely, J.
Conformational changes induced in troponin I by interaction with troponin T and actin/tropomyosin (1450) 423
Terashima, M., see Nabika, T. (1450) 25
Teshigawara, K., see Takeuchi, S. (1450) 452
Testar, X., see Viñals, F. (1450) 119
Tokuda, Y., see Touhata, K. (1450) 480
Tokuda, Y., see Touhata, K. (1450) 481
Tolleson, W.H., see Pipkin, J.L. (1450) 164
Tominaga, K., Saito, S., Matsuura, M. and Nakano, M.
Lipopolysaccharide tolerance in murine peritoneal macrophages induces downregulation of the lipopolysaccharide signal transduction pathway through mitogen-activated protein kinase and nuclear factor-κB cascades, but not lipopolysaccharide-incorporation steps (1450) 130
Torà, M., see Navarro, E. (1450) 254
Touhata, K., Kinoshita, M., Tokuda, Y., Toyohara, H., Sakaguchi, M., Yokoyama, Y. and Yamashita, S.
Erratum to: "Sequence and expression of a cDNA encoding the red seabream androgen receptor" (1450) 480
Touhata, K., Kinoshita, M., Tokuda, Y., Toyohara, H., Sakaguchi, M., Yokoyama, Y. and Yamashita, S.
Sequence and expression of a cDNA encoding the red seabream androgen receptor (1450) 481
Toyohara, H., see Touhata, K. (1450) 480
Toyohara, H., see Touhata, K. (1450) 481
Trimoreau, F., see Besse, A. (1450) 444
Tsukamoto, I., see Ozeki, A. (1450) 308

Viñals, F., Gross, A., Testar, X., Palacín, M., Rösen, P. and Zorzano, A.
High glucose concentrations inhibit glucose phosphorylation, but not glucose transport, in human endothelial cells (1450) 119

Wang, B., Kishihara, K., Zhang, D., Sakamoto, T. and Nomoto, K.
Transcriptional regulation of a receptor protein tyrosine phosphatase gene *hPTP-J* by PKC-mediated signaling pathways in Jurkat and Molt-4 T lymphoma cells (1450) 331
Wang, D., see Liu, J. (1450) 320
Wang, J., see Chiou, W.J. (1450) 35
Wernig, A., see Ben-Dov, N. (1450) 108
Wu-Wong, J.R., see Chiou, W.J. (1450) 35

Xiao, Y.-Q., Someya, K., Morita, H., Takahashi, K. and Ohuchi, K.
Involvement of p38 MAPK and ERK/MAPK pathways in staurosporine-induced production of macrophage inflammatory protein-2 in rat peritoneal neutrophils (1450) 155

Yamashita, S., see Touhata, K. (1450) 481

Yamashita, S., see Touhata, K. (1450) 480
Yanai, K., see Ishizuka, Y. (1450) 92
Ye, L.-H., see Hayakawa, K. (1450) 12
Yokoyama, Y., see Touhata, K. (1450) 480
Yokoyama, Y., see Touhata, K. (1450) 481
Zhang, D., see Wang, B. (1450) 331
Zhang, Y.-Q., see Shiozaki, S. (1450) 1
Zorzano, A., see Viñals, F. (1450) 119